



DEPARTMENT OF THE NAVY  
OFFICE OF THE CHIEF OF NAVAL OPERATIONS  
WASHINGTON, D.C. 20350

IN REPLY REFER TO

OPNAVINST 4030.1  
SUP 0442

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OPNAV INSTRUCTION 4030.1

From: Chief of Naval Operations

Subj: Packaging Responsibilities within the Navy

Ref: (a) NAVSUPINST 4030.25 (NOTAL)  
(b) NAVSUP PUB 470, "Logistics, Preservation-Packaging, Packing and Marking of Items of Supply," of 28 May 1968 (NOTAL)  
(c) SECNAVINST 5430.28B of 15 May 1967 (NOTAL)  
(d) OPNAVINST 5430.34 of 2 June 1967 (NOTAL)  
(e) NAVMATINST 5430.32 of 24 Aug 1967 (NOTAL)  
(f) NAVSUPINST 4030.21 (NOTAL)  
(g) NAVSUP PUB 378, "Report of Packaging and Handling Deficiencies"

1. Purpose. This instruction restates the objectives of the Navy Packaging Program and delineates the major responsibilities within the Navy for attaining these objectives.

2. Cancellation. NAVSUP Instruction 4030.20 is hereby cancelled and superseded.

3. Definitions. The following definitions are applicable to this instruction:

a. Packaging. The generic term "packaging" as used in this instruction includes preservation-packaging, packing, preparation of unit loads and marking of packages, packs and unit loads. The terms "preservation-packaging", "packing", "unit load" and "marking" are defined as follows:

(1) Preservation-Packaging. Application or use of protective measures, including appropriate cleaning and drying methods, preservatives, protective wrappings, cushioning and interior containers, and complete identification marking, up to but not including the exterior pack.

(2) Packing. Application or use of shipping containers and assembling of packaged or unpackaged items therein, together with necessary blocking, bracing, cushioning, and weatherproofing, plus exterior strapping or reinforcement and marking.

(3) Unit Load. An assemblage of two or more items (in or out of containers) in a manner designed to permit handling of the items as

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a single entity using materials handling equipment. NOTE: A unit load can consist of a single large container with two or more items therein.

(4) Marking. Application by stamping, printing, or painting of numbers, item name, Federal stock number, symbols or colors on containers, tags, labels, or items for identification during shipment, handling, and storage. (This term does not include symbols used for material identification, such as color coding or repetitive symbols on metals.)

4. Policy. References (a) and (b) establish policy and provide information and guidance on levels of protection, procedures for developing protection requirements and implementation of policy.

5. Packaging Objectives. The objectives of the Navy Packaging Program are to:

a. Provide adequate and economical protection to supplies, materials, and equipment from environmental and mechanical damage during handling, shipment and storage from original acquisition throughout their life cycle to meet operational needs.

b. Achieve optimum life, utility and performance of supplies, materials and equipment through prevention of deterioration.

c. Facilitate efficient receipt, storage, inventory, transfer and issue of material.

d. Facilitate efficient handling, receipt, storage, inventory and transfer of repairable retrograde material.

e. Provide identification, precautionary and shipment markings for handling, shipment, storage and issue operations.

f. Encourage the greatest practicable uniformity in the development of requirements for preservation, packaging, packing and marking for shipment and storage of the same or similar items.

g. Effect economies by minimizing the need for repackaging by naval storage or distribution facilities and by assuring the use of packages and shipping containers of a minimum weight and cube consistent with anticipated storage and shipment hazards and issue needs.

h. Provide for use of work methods, workplace layout, facilities and mix of packaging materials that will maximize the cost effectiveness of packaging operations.

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6. Responsibilities. Attainment of the objectives set forth in paragraph 5 is dependent upon effective discharge of packaging responsibilities. Major responsibilities are as follows:

a. Naval Supply Systems Command: The Commander, Naval Supply Systems Command, by virtue of authority delegated in references (c), (d) and (e), is responsible for providing supply management policies and methods (technical guidance) relative to packaging of Navy material to activities of the Navy and Marine Corps. In the performance of this responsibility, the Commander, Naval Supply Systems Command, will draw upon the material management experience and capability of the cognizant systems commands inherent in the execution of their assigned material support mission. The Commander, Naval Supply Systems Command, is also responsible for:

(1) Representing the Navy in the development of Department of Defense packaging policy and presenting the Navy position after collaboration with bureaus, systems commands and project managers.

(2) Establishing, after coordination with bureaus, systems commands and project managers, packaging policies and reviewing the implementation thereof.

(3) Maintaining appropriate liaison with the Chief of Naval Operations and the Chief of Naval Material to assure that packaging policies are in consonance with operational and mobilization planning.

(4) Evaluating, coordinating as appropriate, and responding to industry, Secretarial and Congressional inquiries and GAO (General Accounting Office) and Audit Service reports of a general nature having Navy-wide application.

(5) Coordinating packaging programs and projects having common application within the Navy and with other military services, civil agencies and industry.

(6) Providing direction and guidance to the Navy Packaging Board as delineated in reference (f).

(7) Conducting a continuing review of procedures for the packaging of items being returned for repair or overhaul and initiating such implementing or corrective action as the review may indicate.

(8) Developing, in cooperation with cognizant training authorities, packaging training programs determined necessary to meet operational requirements. Developing Navy input to training doctrine and

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publications developed for joint service use, and advising on the technical and administrative aspects in joint service training programs.

(9) Monitoring Navy participation in the Department of Defense program for the reporting and correcting of packaging deficiencies as delineated in reference (g).

(10) Sponsoring cost effectiveness studies to optimize cost of ownership of packages while fulfilling the packaging objectives stated in paragraph 5.

b. Commanders, Systems Commands; Project Managers and Chiefs of Bureaus and Offices are responsible for:

(1) Establishing packaging requirements consistent with the objectives of the Department of Defense and Navy packaging policy for each item under their technical cognizance and for implementing these requirements in procurement, Navy manufacturing operations and repackaging of material to be returned to stock. When more than one major element within the Navy is concerned with an item, minor users will adopt the requirements of the element having program management cognizance over the item unless there are compelling reasons to the contrary.

(2) Issuing such instructions as may be necessary to insure the continued integrity of the package protection initially provided during the period material is in the logistics system.

(3) Requiring maintenance of adequate packaging of stocks for which they have storage custody responsibility.

(4) Participating in the Department of Defense program established by reference (g) for reporting and correcting packaging deficiencies.

(5) Initiating, developing and conducting such packaging training programs as may be needed to support their distributive mission.

(6) Providing support to those phases of integrated logistics support dealing with packaging, handling, storage and transportation.

(7) Requiring that adequate protection is provided to unserviceable items returned for repair.

(8) Providing, when appropriate, reusable containers and internal fitments needed for protecting repairable items during their life

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cycle and establishing, when appropriate, systems for control, deployment, repair and disposal of such containers and packaging materials.

(9) Conducting, or causing to be conducted, RDT&E (research, development, test, evaluation), product improvement studies, and inservice engineering effort of methods, procedures and materials for packaging items under their technical cognizance.

(10) Evaluating, coordinating and including packaging requirements recommended by industry or other military activities in appropriate documentation for which they have custodial responsibility.

(11) Conducting, or causing to be conducted, investigations of packaging materials, methods and equipment to determine the need for revising existing standardization documents, or initiating new documents as indicated or as assigned.

(12) Developing necessary standardization documents for packaging materials, methods and equipment, and coordinating with other military services, systems commands, bureaus, civil agencies and industrial associations as appropriate.

(13) Initiating cost effectiveness studies to optimize cost of ownership of packages.

(14) Evaluating and responding to industry, Secretarial and Congressional inquiries and GAO and Audit Service reports on packaging matters within their assigned mission.

c. The Commander in Chief, U. S. Atlantic Fleet; Commander in Chief, U. S. Pacific Fleet; Commander in Chief, U. S. Naval Forces, Europe; and Chief of Naval Air Training are responsible for performing the tasks described in 6b(2), 6b(3), 6b(4), 6b(5) and 6b(7).

7. Funding. Responsibilities for funding which are restated herein do not alter previous agreements. These responsibilities shall be as follows:

a. Funds for RDT&E, product improvement studies and inservice engineering effort of packaging methods, procedures and materials shall be provided by the bureau, systems command, other command or office sponsoring such effort.

b. Funds for packaging associated with procurement (including excess) of supplies, material and equipment shall be provided by the bureau, systems command, other command or office funding the procurement or obtaining the excess supplies, material and equipment.

c. Funds for packaging or repackaging items in storage custody for purposes of upgrading packaging initially furnished shall be provided by the authority directing such upgrading.

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d. Funds for replacement or renewal of packaging necessitated by item inspection, testing or exercising shall be provided by the authority directing such inspection, testing or exercising, except that, in the case of Government furnished equipment in the physical custody of private or Government construction shipyards, costs shall be charged to the end cost of the ship.

e. Funds for packaging associated with naval manufacture, alteration, repair or overhaul shall be provided by the bureau, systems command, other command or office funding such manufacture, alteration, repair or overhaul. These funds shall normally be budgeted for and furnished as a part of the end cost of such manufacture, alteration, repair or overhaul. (This provision does not apply to mandatory turn-in repairable material. Funds for packaging associated with such material shall be provided as indicated in paragraph 7g.)

f. Funds for maintaining packaging of items in storage custody, including preparing stock for shipment or issue as part of a normal supply support responsibility, shall be provided by the activity performing the supply operation. (This provision does not apply to unprotected repaired or overhauled items which have been placed in storage custody awaiting distribution instructions. Funds for packaging associated with repaired or overhauled items shall be provided as indicated in paragraph 7e.)

g. Funds required to protect mandatory turn-in repairable material from damage during transit will be provided by the activity/ship initiating the turn-in for repair. Additional packaging required for subsequent handling and shipment will be provided by the activity receiving the turn-in for transshipment.

h. Funds required to protect material turned into store during transit will be provided by the activity/ship returning the material. Funds for subsequent packaging for induction of the material into storage will be provided by the activity gaining the material. (This provision does not apply to material being returned from ships being inactivated. Funds for packaging associated with inactivation of ships shall be provided as indicated in paragraph 7i.)

i. Funds for packaging of material being returned from ships that are being inactivated shall be provided by:

(1) inventory managers directing return of material to stock, or

(2) bureau, systems command, other command, office or activity/ship requesting custody of material, or

(3) inactivation funds for all other instances.

j. Funds for packaging operational equipment, such as gun mounts, engines and missile launchers, removed from active ships shall be furnished by the authority directing such removal and packaging.

8. Staffing. Organizations with a material support mission are expected to provide a qualified staff needed to meet their responsibilities for attaining the objectives set forth herein.

9. Approvals. The Comptroller of the Navy and the Commandant of the Marine Corps approve the contents of this instruction.

10. Implementation. Addressees are requested to implement this instruction as appropriate to assure fulfillment of the responsibilities set forth herein. Copies of implementing directives should be furnished to the Commander, Naval Supply Systems Command (SUP 044).

*Becker*

C. BECKER  
By direction

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